

Title (en)

MULTI-MODAL GAIT-BASED NON-INVASIVE THERAPY PLATFORM

Title (de)

MULTIMODALE GANGBASIERTE NICHTINVASIVE THERAPIEPLATTFORM

Title (fr)

PLATE-FORME DE THÉRAPIE NON-INVASIVE BASÉE SUR UNE DÉMARCHE MULTIMODALE

Publication

EP 3079642 A4 20171101 (EN)

Application

EP 14869433 A 20141031

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Abstract (en)

[origin: US2015165265A1] Apparatus and associated methods relate to a knee-position control system having a knee engagement pad, a lower-leg control member and an upper-leg control member, the knee engagement pad configured to naturally position a user's knee in response to movement of a foot-rest of a natural-gait therapy system. In an illustrative embodiment, the upper-leg control member may pivot about a point substantially axially coincident with a user's hip. In some embodiments, the upper-leg control member may be pivotally coupled to the lower-leg control member at a pivot point substantially axially coincident with a user's knee. The lower-leg control member may be pivotally coupled to the foot rest at a pivot point substantially axially coincident with a user's ankle. The knee-position control system may advantageously position a user's knee in a natural position relative to both the user's ankle and the user's hip, in response to movement of the user's foot.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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